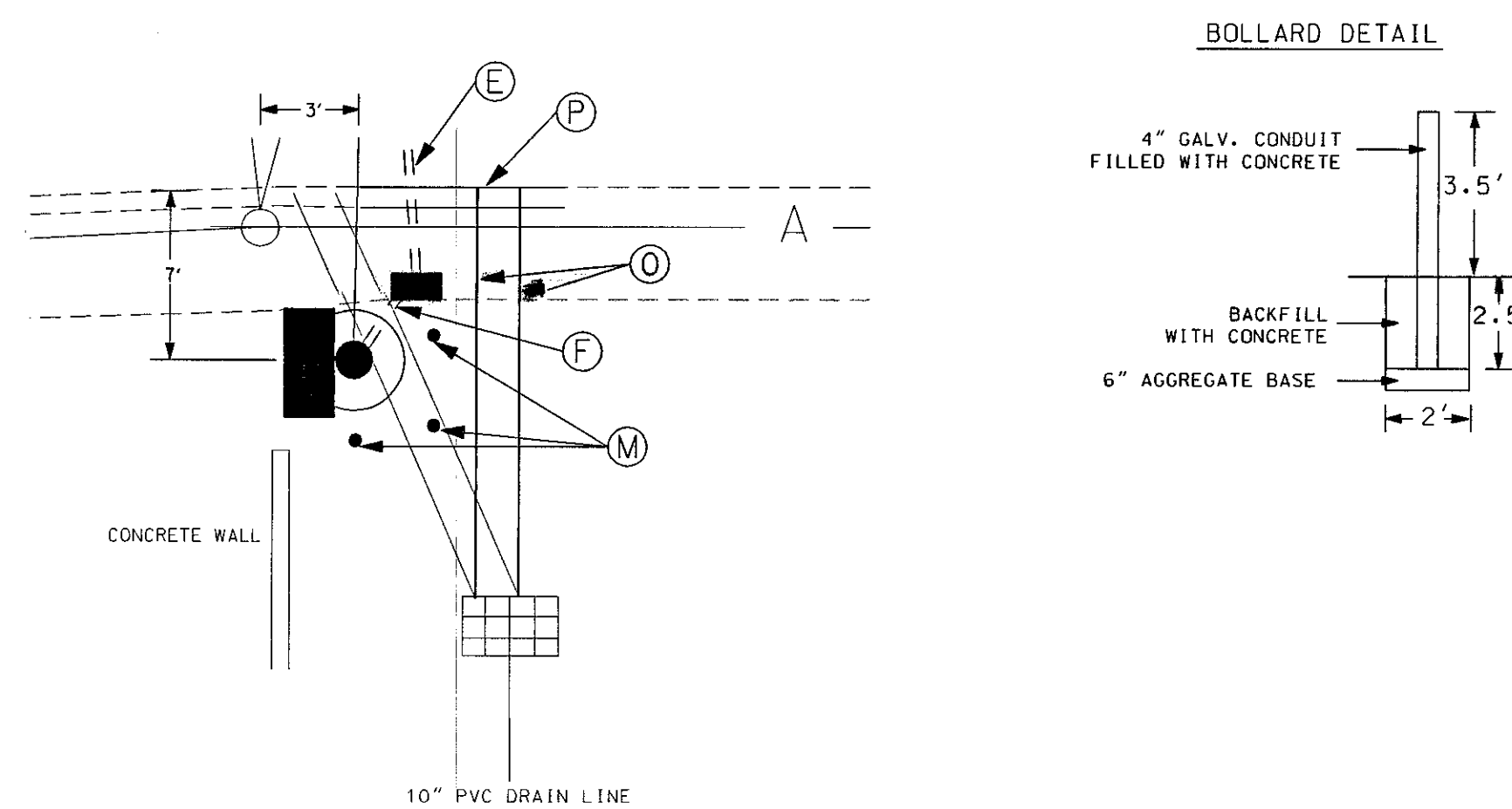


GENERAL

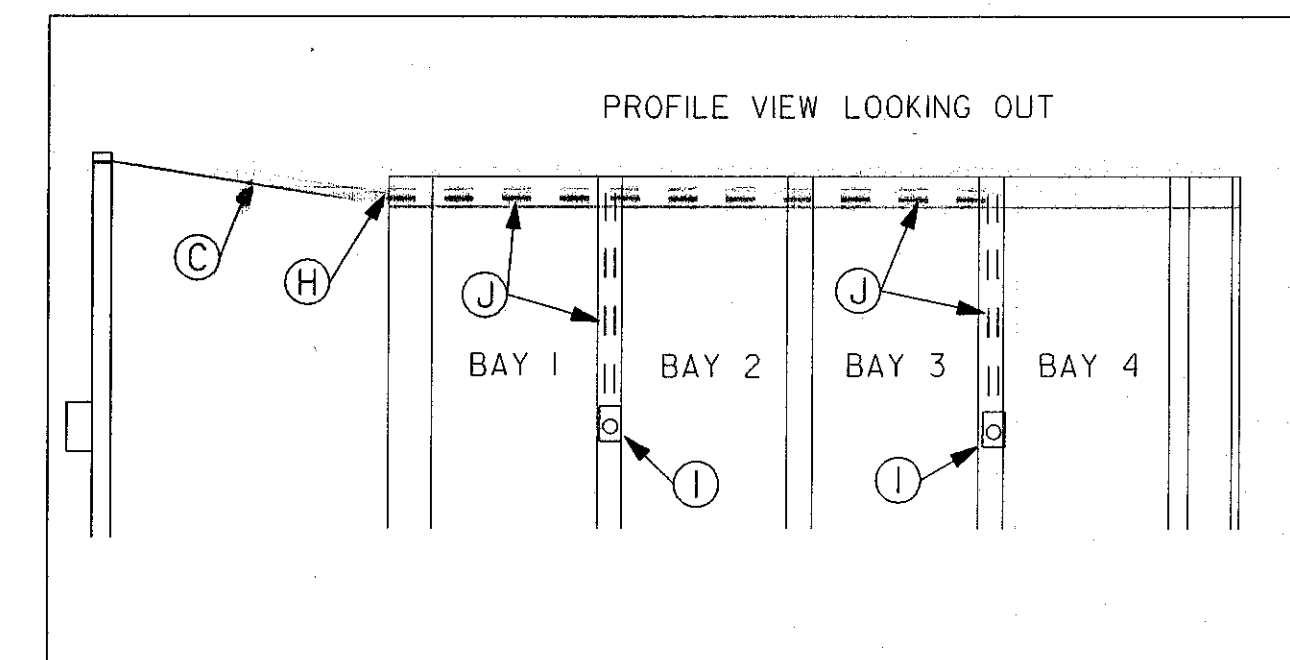
THIS PROJECT INVOLVES THE INSTALLATION OF FIREHOUSE HAZARD IDENTIFICATION BEACONS FOR NORTHBOUND AND SOUTHBOUND MD 30 FOR THE HAMPSTEAD VOLUNTEER FIRE DEPARTMENT IN CARROLL COUNTY. MD 30 IS CONSIDERED TO RUN IN A NORTH-SOUTH DIRECTION.

### INTERSECTION OPERATION

THIS HAZARD IDENTIFICATION BEACON WILL BE PUSHBUTTON ACTIVATED FROM 2 PUSHBUTTONS LOCATED IN THE FIREHOUSE.



•• CONTRACTOR SHALL INSTALL FOUNDATION AT LEVEL OF SIDEWALK AND SLOPE DRIVEWAY AS NEEDED TO ELIMINATE POCKET AROUND FOUNDATION AND PROVIDE POSITIVE DRAINAGE.



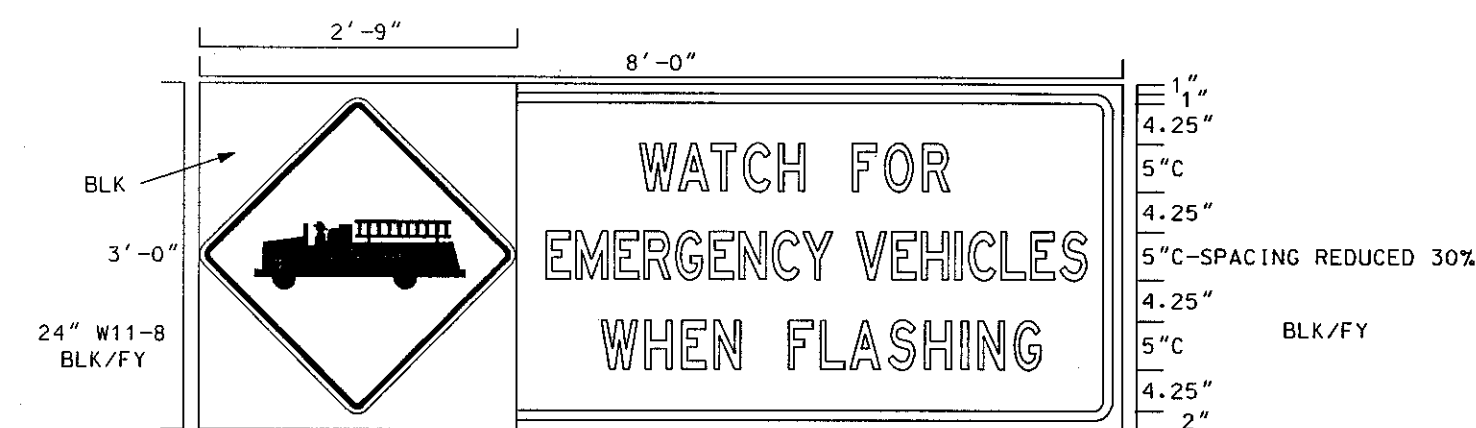
A. EQUIPMENT TO BE SUPPLIED BY THE ADMINISTRATION

| ITEM # | QUANTITY | ITEM DESCRIPTION                          |
|--------|----------|---|
| 9043   | 1 EA     | CONTROLLER CABINET SIZE 5 (POLE MOUNTED)  |
| 9570   | 18 SF    | SHEET ALUMINUM SIGN GROUND MOUNTED        |
| 9571   | 48 SF    | SHEET ALUMINUM SIGN MAST ARM/POLE MOUNTED |

B. ITEM TO BE SUPPLIED AND OR INSTALLED BY THE CONTRACTOR

| ITEM # | QUANTITY | ITEM DESCRIPTION  |
|--------|----------|---|
| 1001   | 2 EA     | MAINTENANCE OF TRAFFIC  |
| 2002   | 2 CY     | TEST PIT EXCAVATION   |
| 6003   | 8 LF     | FURNISH AND INSTALL STANDARD TYPE "A" CURB AND GUTTER 12" GUTTER PAN, 8" DEPTH  |
| 6005   | 200 SF   | FURNISH AND INSTALL 4" CONCRETE SIDEWALK  |
| 8001   | 7 CY     | FURNISH AND INSTALL CONCRETE FOR TRAFFIC SIGNAL FOUNDATION  |
| 8006   | 1 EA     | 3/4" TO 3" BLIND COUPLING WELDED AND GALV   |
| 8023   | 2 EA     | 15' T-DIMENSION SINGLE STEEL POLE (50' SERIES) WITH 35' MAST ARM<br>-1 POLE TO BE 18' FEET TALL AS SPECIFIED ON THE PLANS |
| 8039   | 75 LF    | FIREHOUSE PRE-EMPTION BUTTON AND ASSOCIATED EQUIPMENT   |
| 8043   | 34 LF    | WOOD SIGN SUPPORTS 4"x6"  |
| 8044   | 450 LF   | FURNISH AND INSTALL STRANDED BARE COPPER GROUND WIRE  |
| 8045   | 15 LF    | 1" ELECTRICAL CONDUIT-GALVANIZED SLEEVE OR RISER  |
| 8047   | 1 EA     | FURNISH AND INSTALL 3" WEATHERHEAD  |
| 8049   | 100 LF   | FURNISH AND INSTALL 3" SCH 80 RIGID PVC CONDUIT-BORED   |
| 8052   | 100 LF   | FURNISH AND INSTALL 3" SCH 80 RIGID PVC CONDUIT-TRENCHED  |
| 8053   | 100 LF   | FURNISH AND INSTALL 4" SCH 80 RIGID PVC CONDUIT -TRENCHED   |
| 8059   | 1 EA     | ELECTRICAL UTILITY SERVICE EQUIPMENT  |
| 8062   | 50 LF    | ELECTRICAL CABLE 1-CONDUCTOR #8AWG-THHN/THWN  |
| 8067   | 3 EA     | FURNISH AND INSTALL ELECTRICAL HANDBOX  |
| 8069   | 18 SF    | INSTALL GROUND MOUNTED SIGN   |
| 8070   | 48 SF    | INSTALL OVERHEAD MOUNTED SIGN   |
| 8091   | 2 EA     | FURNISH AND INSTALL GROUND ROD 3/4" DIAMETER X 10' LENGTH   |
| 8093   | 4 EA     | FURNISH AND INSTALL 12" VEHICULAR TRAFFIC SIGNAL HEAD SECTION   |
| 8096   | 2 EA     | CUT, CLEAN, GALVANIZE AND CAP TRAFFIC SIGNAL STRUCTURE  |
| 8099   | 150 LF   | FURNISH AND INSTALL ELECTRICAL CABLE 2-CONDUCTOR #14 AWG  |
| 8101   | 550 LF   | FURNISH AND INSTALL ELECTRICAL CABLE 5-CONDUCTOR #14 AWG  |
| 8110   | 55 LF    | 3/8" STEEL SPAN WIRE  |
| 8111   | 1 EA     | INSTALL CABINET AND CONTROLLER-POLE MOUNT   |

3 EA      NEG: FURNISH AND INSTALL 4" STEEL PIPE FOR PARKING BOLLARDS



## PROJECT CONTACTS

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MS. ANDREA ABEND  
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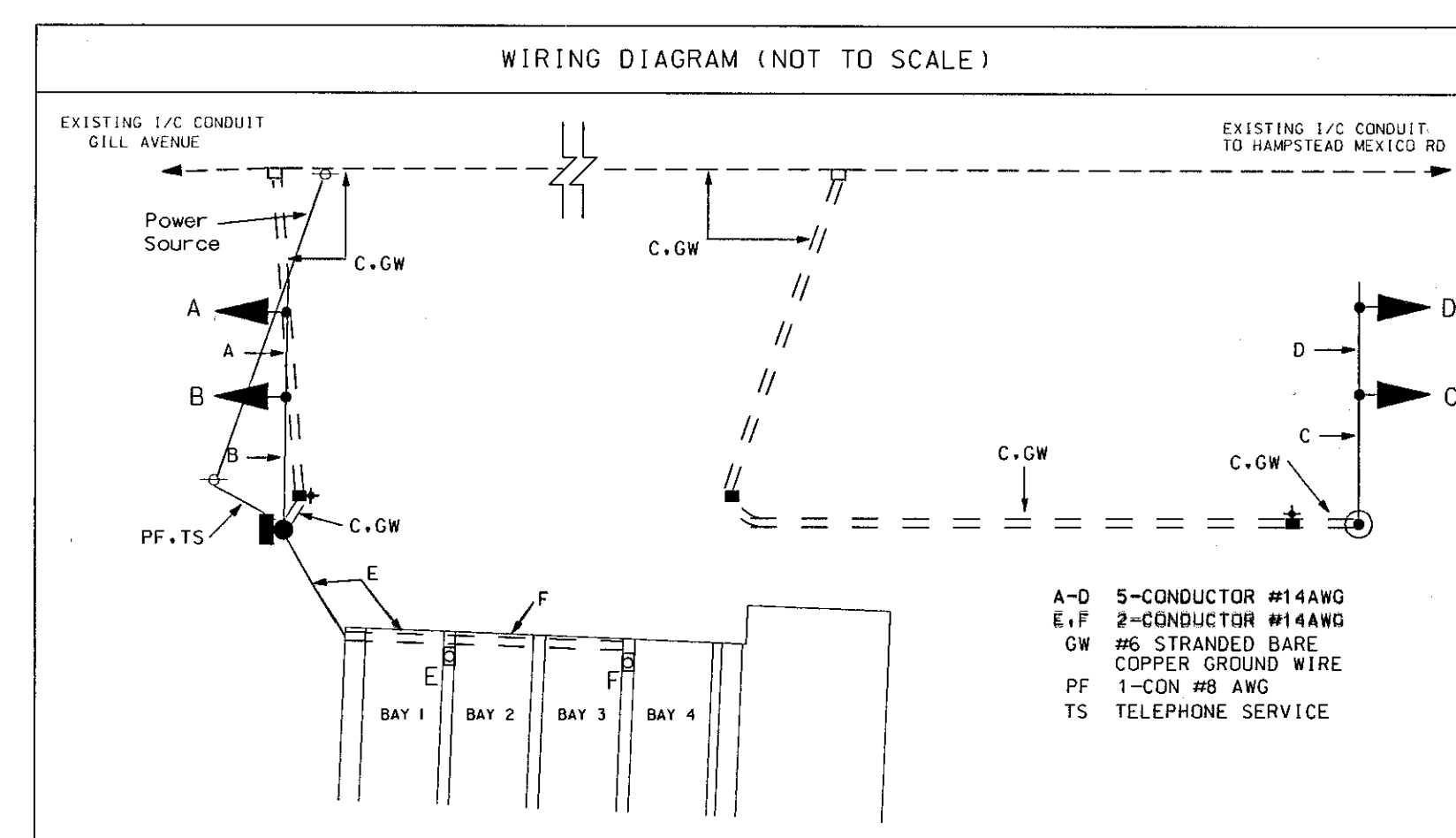
MR. BRYAN RUBY  
CHIEF, HAMPSTEAD VFD  
410-239-4280

### UTILITY LEGEND

|       |       |                  |
|-------|-------|------------------|
| — G — | — G — | GAS MAIN         |
| — W — | — W — | WATER MAIN       |
| — S — | — S — | SEWER MAIN       |
| — E — | — E — | ELECTRIC CABLES  |
| — A — | — A — | AERIAL CABLES    |
| — T — | — T — | TELEPHONE CABLES |

## CONSTRUCTION DETAILS

- A. INSTALL 18" STEEL POLE (70 SERIES) WITH 15' T-DIMENSION WITH 35' MAST ARM, SIGN, SIGNAL HEADS, POLE MOUNTED NEWA SIZE 5 POLE MOUNTED CABINET, ELECTRICAL UTILITY SERVICE (30 AMP) EQUIPMENT FOR OVERHEAD SERVICE FEED AND 1" GALVANIZED RISER AND CLEVIS FOR PHONE DROP
- B. INSTALL 16'6" STEEL POLE (70 SERIES) WITH 15' T-DIMENSION WITH 35' MAST ARM, SIGN AND SIGNAL HEADS
- C. INSTALL 3/8" STEEL SPAN WIRE WITH RINGS(SEE NOTE ABOVE REGARDING GROUND CLEARANCE)
- D. INSTALL ELECTRICAL HANDBOX
- E. INSTALL 3" SCH 80 CONDUIT-BORED
- F. INSTALL 3" SCH 80 CONDUIT-TRENCHED
- G. REMOVE EXISTING GROUND MOUNTED SIGN AND INSTALL NEW SIGN ON 1 NEW 4"x6" WOOD SIGN SUPPORT BACKFILL HOLE WITH CONCRETE AFTER REMOVING SIGN #7
- H. INSTALL 3" WEATHERHEAD TO CONDUIT FOR PUSHBUTTON CABLE
  - 1. INSTALL PUSHBUTTON ON FIREHOUSE WALL
  - J. INSTALL CONDUIT AND ASSOCIATED EQUIPMENT FOR FIREHOUSE PUSHBUTTON
  - K. USE EXISTING HANDBOX
  - L. USE EXISTING CONDUIT
- M. INSTALL 4" GALVANIZED CONDUIT FILLED WITH CONCRETE FOR PARKING BOLLARD. (SEE DETAIL SHEET 2)  
PIPE TO BE PAINTED FEDERAL COLOR YELLOW # 595A-13591 OR EQUAL
- N. INSTALL 4" THICK CONCRETE SIDEWALK AS NEEDED FOR BOLLARDS AND CONDUIT.  
(DRIVEWAYS AREAS TO BE RESTORED TO THEIR ORIGINAL THICKNESS.)
- O. INSTALL 4" SCH 80 RIGID PVC CONDUIT-TRENCHED FOR DRAIN PIPE. CONTRACTOR TO REROUTE DRAIN PIPE AS DIRECTED BY FIRE DEPARTMENT (SEE DETAIL SHEET 2)
- P. INSTALL STANDARD TYPE A CURB AND DEPRESSION CURB TIE IN (SEE DETAIL SHEET 2)



BUA: CL329A51/351 TAD: AT717-01

**SHA** STATE OF MARYLAND  
DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION  
OFFICE OF TRAFFIC & SAFETY  
TRAFFIC ENGINEERING DESIGN DIVISION  
MD 30 @ HAMPSTEAD VFD  
GENERAL INFORMATION SHEET  
HAMPSTEAD, MARYLAND

SCALE NONE DATE MARCH 15, 2005 CONTRACT NO. AT7175185

DESIGNED BY C. STRAIN COUNTY CARROLL  
DRAWN BY C. STRAIN LOGMILE 06003002.52  
CHECKED BY A. BEALL T. I. M. S. NO. 6695  
F. A. P. NO. \_\_\_\_\_ TOD NO. \_\_\_\_\_

|             |   |    |           |    |
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| DRAWING NO. | - | OF | SHEET NO. | OF |
|-------------|---|----|-----------|----|

PLOTTED: \$DATETIME\$  
FILE: \$FILE\$